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TITLE : OIL BLUE INK

ABSTRACT : PURPOSE: To obtain the title ink containing a phthalocyanine based oil soluble dye, triallylmethane based oil soluble dye, aliphatic alcohol, dodecylbenzenesulfonic acid and capric acid, having good color-developing properties and excellent stability with time and useful for writing tool, recorder, etc.

CONSTITUTION: The aimed ink essentially containing (A) phthalocyanine based oil soluble dye (e.g., C.I. Solvent Blue 25), (B) triallylmethane based oil soluble dye (e.g., C.I. Solvent Blue 2), (C) aliphatic alcohol (e.g., methanol), (D) dodecylbenzenesulfonic acid and (E) capric acid. Furthermore, preferably content of a coloring agent (components A+B) is 2-20wt.%, content of a cleaning agent (component C) is 40-90wt.% and content of solubilizing agent (components D+E) is ≤ 5 wt.%.

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